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Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Neural Systems and Rehabilitation] , Volume: 3 Issue: 4 , Dec. 1995

Page(s): 354 -359

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) **IEEE JNL****2 Temporal watermarking invertible only through source separation***Berman, G.; Jouny, I.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 4 , 13-17 May 2002

Page(s): IV-3732 -IV-3735 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(367 KB\)\]](#) **IEEE CNF****3 Tactile-audio diagram for blind persons***Minagawa, H.; Ohnishi, N.; Sugie, N.;*

Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Neural Systems and Rehabilitation] , Volume: 4 Issue: 4 , Dec. 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#) **IEEE JNL****4 1999 IEEE International Conference on Acoustics, Speech, and Signal Processing. Proceedings. ICASSP99 (Cat. No.99CH36258)**

Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1999 International Conference on , Volume: 1 , 15-19 March 1999

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Information, Communications and Signal Processing, 1997. ICICS., Proceedings 1997 International Conference on , Volume: 3 , 9-12 Sept. 1997

Page(s): 1522 -1526 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) **IEEE CNF****2 Simulation of FEC-based error control for packet audio on the Internet***Podolsky, M.; Romer, C.; McCanne, S.;*

INFOCOM '98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings. IEEE , Volume: 2 , 29 March-2 April 1998

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[\[Abstract\]](#) [\[PDF Full-Text \(1168 KB\)\]](#) **IEEE CNF****3 Perceptual coding of digital audio***Painter, T.; Spanias, A.;*

Proceedings of the IEEE , Volume: 88 Issue: 4 , April 2000

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[\[Abstract\]](#) [\[PDF Full-Text \(1188 KB\)\]](#) **IEEE JNL****4 The effect of low bit-rate coding upon impaired audio material***Keyhl, M.; Herre, J.; Ferreira, A.; Gilchrist, N.H.C.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 151 -158

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[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) **IEE CNF****2 The AUDETEL audio description service for visually impaired people***Pledge, J.G.W.;*

Time between Pictures - The Vertical Blanking Interval, IEE Colloquium on, 25. 1994

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[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) **IEE CNF****3 PASC data coding for DCC***Wirtz, G.;*

Audio Engineering, IEE Colloquium on, 9 Mar 1994

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[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEE CNF****4 Enhancing text to synthesised speech systems for the blind***Simpson, P.J.;*

Special Needs and the Interface, IEE Colloquium on, 13 Jan 1993

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5 The application of speech coding to AUDETEL services for visually imp people

Pledge, J.G.W.;

Low Bit-Rate Speech Coding for Future Applications, IEE Colloquium on , 6 Dec

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6 Packet transmission of TV audio descriptions

Rogers, P.; Slater, J.N.;

Coding for Packet Video and Speech Transmission, IEE Colloquium on , 9 Nov 1

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7 Helping blind people to watch television-the AUDETEL project

Lodge, N.K.; Slater, J.N.;

Broadcasting Convention, 1992. IBC., International , 3-7 Jul 1992

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8 A text-to-speech system for italian

Delmonte, R.; Mian, G.; Tisato, G.;

Acoustics, Speech, and Signal Processing, IEEE International Conference on ICA '84. , Volume: 9 , Mar 1984

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9 A microcomputer-based speech synthesizer which speaks Spanish

Berdichevsky, F.; Murillo, G.; Cutler, C.;

Acoustics, Speech, and Signal Processing, IEEE International Conference on ICA '79. , Volume: 4 , Apr 1979

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10 Bit-rate reduction for high-quality audio signals using floating-point digital filters

Sauvagerd, U.;

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11 High quality audio bit-rate reduction system family for different applications

Stoll, G.; Dehery, Y.-F.;

Communications, 1990. ICC 90, Including Supercomm Technical Sessions.

SUPERCOMM/ICC '90. Conference Record., IEEE International Conference on , 1 April 1990

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12 Constrained-storage vector quantization in high fidelity audio transfc coding

Chan, W.-Y.; Gersho, A.;

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13 New reference condition for very low bit rate voice coder evaluation

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14 Analysis of transmission schemes for satellite digital audio broadcast

Elia, C.; De Gaudenzi, R.; Viola, R.; Colzi, E.; Giannetti, F.; Azzarelli, A.;

Global Telecommunications Conference, 1993, including a Communications The Mini-Conference. Technical Program Conference Record, IEEE in Houston. GLOB '93., IEEE , 29 Nov.-2 Dec. 1993

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16 Impulse noise mitigation strategies for multicarrier modulation

Zogakis, T.N.; Chow, P.S.; Aslanis, J.T.; Cioffi, J.M.;

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18 Code shift keyed spread spectrum for ocean acoustic telemetry

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19 A test of MPEG using time-inverted spoken audio

McLaughlin, T.; Cookson, J.; Rasmussen, L.;

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Procee
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20 Using the visual component in automatic speech recognition

Brooke, N.M.;

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21 Use of micro-controller in a tactile aid for the hearing impaired

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Engineering in Medicine and Biology Society, 1996. Bridging Disciplines for

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**22 Blind adaptive multiuser detection with probabilistic algorithms: app
to underwater acoustics**

Anton-Haro, C.; Fonollosa, J.A.R.; Zvonar, Z.; Fonollosa, J.R.;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE Internat
Conference on , Volume: 5 , 21-24 April 1997
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**23 1997 IEEE International Conference on Acoustics, Speech, and Signal
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Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE Internat
Conference on , Volume: 4 , 21-24 April 1997

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24 Frame rate and viseme analysis for multimedia applications

Williams, J.J.; Rutledge, J.C.; Garstecki, D.C.; Katsaggelos, A.K.;
Multimedia Signal Processing, 1997., IEEE First Workshop on , 23-25 June 1997
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**25 Optimization and quality measurement for the layer 2 compression s
of MPEG audio coding**

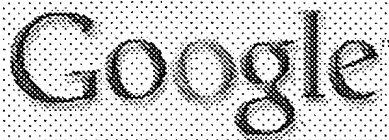
Chien-Hua Hsu; I-Chen Wu; Ling-Yuan Kao; Jin-Fu Ueng;
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1997 International Conference on , Volume: 3 , 9-12 Sept. 1997
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File: USPT

Aug 1, 2000

US-PAT-NO: 6096961

DOCUMENT-IDENTIFIER: US 6096961 A

TITLE: Method and electronic apparatus for classifying and automatically recalling stored musical compositions using a performed sequence of notes

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bruti; Luigi	Pedaso			IT
Cuccu'; Demetrio	Fermo			IT
Calo'; Nicola	S. Benedetto Del Tronto			IT

US-CL-CURRENT: [84/609](#); [84/610](#), [84/611](#), [84/645](#), [84/DIG.12](#)

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☐ 2. Document ID: US 5455378 A

L5: Entry 2 of 10

File: USPT

Oct 3, 1995

US-PAT-NO: 5455378

DOCUMENT-IDENTIFIER: US 5455378 A

**** See image for Certificate of Correction ****

TITLE: Intelligent accompaniment apparatus and method

DATE-ISSUED: October 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paulson; John W.	Edina	MN		
Dunn; Mark E.	Apple Valley	MN		
Heidorn; Allen J.	Minnetonka	MN		

US-CL-CURRENT: [84/610](#); [84/634](#), [84/666](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 5074182 A

L5: Entry 3 of 10

File: USPT

Dec 24, 1991

US-PAT-NO: 5074182
DOCUMENT-IDENTIFIER: US 5074182 A

TITLE: Multiple key electronic instrument having background songs each associated with solo parts which are synchronized with and harmonious with the background song

DATE-ISSUED: December 24, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Capps; Stephen P.	Sunnyvale	CA		
DuFlon; Raymond H.	Woodside	CA		
Bogas; Edgar N.	San Francisco	CA		

US-CL-CURRENT: 84/609; 84/600

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 4981066 A

L5: Entry 4 of 10

File: USPT

Jan 1, 1991

US-PAT-NO: 4981066
DOCUMENT-IDENTIFIER: US 4981066 A

TITLE: Electronic musical instrument capable of editing chord performance style

DATE-ISSUED: January 1, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kakizaki; Tadasu	Shizuoka			JP

US-CL-CURRENT: 84/613; 84/650, 84/DIG.22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 4881440 A

L5: Entry 5 of 10

File: USPT

Nov 21, 1989

US-PAT-NO: 4881440
DOCUMENT-IDENTIFIER: US 4881440 A

TITLE: Electronic musical instrument with editor

DATE-ISSUED: November 21, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kakizaki; Tadasu	Shizuoka			JP

US-CL-CURRENT: 84/609; 84/649, 984/304, 984/DIG.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 6. Document ID: US 4191081 A

L5: Entry 6 of 10

File: USPT

Mar 4, 1980

US-PAT-NO: 4191081

DOCUMENT-IDENTIFIER: US 4191081 A

TITLE: Selectable automatic arpeggio for electronic musical instrument

DATE-ISSUED: March 4, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deutsch; Ralph	Sherman Oaks	CA		
Deutsch; Leslie J.	Sherman Oaks	CA		

US-CL-CURRENT: 84/669; 84/663, 84/666, 84/DIG.22, 984/342, 984/DIG.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 7. Document ID: US 4160399 A

L5: Entry 7 of 10

File: USPT

Jul 10, 1979

US-PAT-NO: 4160399

DOCUMENT-IDENTIFIER: US 4160399 A

**** See image for Certificate of Correction ****

TITLE: Automatic sequence generator for a polyphonic tone synthesizer

DATE-ISSUED: July 10, 1979

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deutsch; Ralph	Sherman Oaks	CA		

US-CL-CURRENT: 84/609; 84/461, 84/470R, 84/5, 84/649, 984/304, 984/341, 984/DIG.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 8. Document ID: US 4022097 A

L5: Entry 8 of 10

File: USPT

May 10, 1977

US-PAT-NO: 4022097

DOCUMENT-IDENTIFIER: US 4022097 A

TITLE: Computer-aided musical apparatus and method

DATE-ISSUED: May 10, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strangio; Christopher E.	Watertown	MA	02172	

US-CL-CURRENT: 84/635; 84/337, 84/338, 84/462, 84/464R, 84/609, 84/642, 84/649,
84/DIG.12, 84/DIG.22, 984/251, 984/388, 984/DIG.1

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☐ 9. Document ID: US 3889568 A

L5: Entry 9 of 10

File: USPT

Jun 17, 1975

US-PAT-NO: 3889568

DOCUMENT-IDENTIFIER: US 3889568 A

TITLE: Automatic chord performance apparatus for a chord organ

DATE-ISSUED: June 17, 1975

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amaya; Toshiyuki	Tokyo			JA

US-CL-CURRENT: 84/611; 84/613, 84/DIG.12, 84/DIG.22, 984/348, 984/DIG.1

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☐ 10. Document ID: US 3837256 A

L5: Entry 10 of 10

File: USPT

Sep 24, 1974

US-PAT-NO: 3837256

DOCUMENT-IDENTIFIER: US 3837256 A

TITLE: SIGHT AND SOUND MUSICAL INSTRUMENT INSTRUCTION

DATE-ISSUED: September 24, 1974

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gullickson; Cecil F.	Winter Park	FL	32789	

US-CL-CURRENT: 84/478; 84/470R, 84/485R, 84/642, 84/DIG.12, 984/302, 984/347,
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